

# Recreational Renaissance Plan B

Department of Land and Natural Resources

www.hawaii.gov/dlnr/recreate

July 2010

## Continuing Improvements

The Department dedicated a new pier this month, broke ground on two new projects, and is working to get more improvement projects rolling out in the coming months.

This month we are excited to announce the coming improvements at Keehi Small Boat Harbor.

Additionally in this issue, we have provided a summary of the several bids for construction projects at various

recreational facilities. We're currently in the review stages but will have improvements starting up at several recreational facilities over the next quarter.

We look forward to providing details on different projects in future updates.

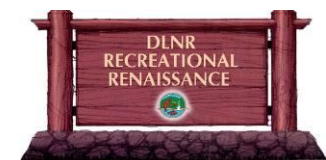
We hope you enjoy reading about these programs and various improvements.



Thank you for your interest in DLNR's Recreational Renaissance. We look forward to sharing more soon.

Aloha,

The DLNR Recreational Renaissance Team



### Contents:

DLNR Receives Bids for Upcoming Improvement Projects Statewide 2

DLNR Dedicates a New Pier and Breaks Ground at Keehi Small Boat Harbor, Oahu 3

Keehi SBH New Piers 600 and 900 Construction Details, Oahu 4

DOBOR Administrative Office Modifies Operating Hours, Oahu 4

Rejuvenating Diamond Head State Monument with Many Hands, Oahu 5

## June Improvement Project Updates

**Haleiwa Small Boat Harbor pier replacement, Oahu,** work on 11 finger piers began March 8, 2010 and scheduled for completion by September 2010.

**Manele Small Boat Harbor ADA Pier Replacement, Lanai,** construction contract awarded to Sea Engineering. Work scheduled to begin by the end of 2010.

**North Kawaihae Small Boat Harbor, Big Island,** bid opening was on May 20, 2010 for wooden pier repairs. In process of finalizing award of contract, work will start late 2010.

**Waianae Small Boat Harbor, Oahu,** Commercial Loading Dock and Pier Improvements awarded to Hawaiian Dredging Construction Company, Inc. for \$1,353,450. Start date and completion date TBD.

**Keehi Small Boat Harbor pier replacement, Oahu,** replacement of 78 slips on Pier 600 and 900 for \$2.8 million. Sato and Associates, Inc. designed the project. Bluewater Marine, based in Waialua, Oahu, will construct the components which make up the modular dock system.

**Wailoa River State Recreation Area, Big Island,** water system repairs to replace potable water system started February 1 and scheduled for completion August 2010.

**Diamond Head State Monument, Oahu,** Loop Trail Development and Ledge Trail Improvements awarded to Global Specialty Contractors, Inc for \$1,684,768. Start date and completion date TBD.

**Lava Tree State Monument, Big Island,** park improvements, Phase 1 awarded to Isemoto Contracting Co., Ltd. for \$300,000. Start date and completion date TBD.

**Waianapanapa State Park, Maui,** ADA Barrier Removal Project awarded to Site Engineering, Inc. for \$135,000. Start date and completion date TBD.

## DLNR RECEIVES BIDS FOR SEVERAL UPCOMING IMPROVEMENT PROJECTS AT RECREATIONAL FACILITIES

In June and July, the DLNR Division of Engineering received several bids for various improvement projects. A few are listed below and this is just one of the first steps to seeing on the ground improvements.

Often it's roughly a 3-month period from receiving bids to providing the notice to proceed with the project. The general process entails DLNR issuing a request for bids.

Bid packets specify the project requirements and set a timeline for responses. Businesses respond to bids with their qualifications to perform the work and the proposed cost. The lowest qualified bid is selected and an award notice is issued to the successful bidder.

After awarding a contract to the qualified bidder, it takes time to finalize a contract and before the Department can issue a notice to proceed with the project.

If you are interested in seeing a list of awarded projects, or other information about procurement procedures visit the State Procurement Office website at, [www.spo.hawaii.gov](http://www.spo.hawaii.gov)

The Department has received bids for the following projects:

### Hawaii Island

**Honokohau Small Boat Harbor**, – Pier and Utility Improvements, Phase 1, Kona.

**Lava Tree State Monument** – Park Improvements, Phase 2, Puna.

### Kauai

**Kokee State Park** – Kokee Road Improvements, Waimea.

### Maui County

**Maalaea Small Boat Harbor** – Ferry System & Utility and Pier improvements.

**Lahaina Small Boat Harbor** – Marginal Pier and Utility Improvements.

**Waikolu Campground and Overlook**, ADA Barrier Removal Project, Wailoku, Molokai.

### Oahu

**Ala Wai Small Boat Harbor** – Transient Dock, Pier, and Site Improvements.

**Diamond Head State Monument** – Rockfall-Phase 2.

**Diamond Head State Monument**, Loop Trail Development & Ledge Trail Improvements.

**Diamond Head State Monument** – Entry Improvements, Phase 1.

**Iolani Palace State Monument**, – Replacement of Chilled Water System, Phase 1.

**Waianae Small Boat Harbor** – Commercial Loading Dock and Pier Improvements.



Pathway Improvements at Kalalau Lookout in Kokee State Park, Kauai

DLNR staff photo



## DLNR DEDICATES A NEW DOCK AND BREAKS GROUND FOR NEW PROJECTS AT KEEHI SMALL BOAT HARBOR



*From Left to Right:* Russell Tsuji (Acting DLNR First Deputy), Senator Suzanne Chun Oakland, Representative Joey Manahan, Carty Chang (Acting DLNR Engineering Administrator), Governor Linda Lingle, and Ed Underwood (DOBOR Administrator) at Keehi SBH Pier 100 Dedication.

*Photo by DLNR staff*

On July 28, 2010, the Department of Land and Natural Resources (DLNR) dedicated a new dock and broke ground for two new projects at Keehi Small Boat Harbor (SBH). The new dock dedicated this month replaced the old Pier 100, which has been in service since 1962.

In April 2009, work began to demolish the old wooden piers and concrete pile foundations, and work installing a new-engineered aluminum framed dock system began.

Bluewater Marine in Waialua, Oahu fabricated the modular sections and delivered them to the Keehi SBH.

In December 2009, American Marine Corporation began assembly of the modular sections of the dock to form

the main and finger piers. They completed work early this month.

The groundbreaking kicks off the installation of two new docks to replace Piers 600, 900, and 1000 and scheduled for completion in 2011.

Installation of these new structures is the latest phase of an ongoing renaissance for the harbor and a multi-year effort to upgrade SBH facilities statewide.

These projects will help ensure our residents, and visitors can enjoy safe and easy access to the ocean.

DLNR spent over \$4.1 million to make much needed improvements at the Keehi SBH and will spend an additional \$2.5 million on the new Piers 600 and 900.

In the design for this new project, Pier 900 will be installed in the footprint of the existing Pier 900 and 1000 and will be able to accommodate larger vessels up to 55 feet in length.

The dedication, combined with the ongoing replacement of Piers 600, 900 and 1000, will bring 96 slips back into service for Hawaii's boating community. Another 32 slips at the harbor's Pier 300 are presently in the design phase.

Although we have made great progress on replacing docks at Ala Wai, Haleiwa, Waianae and now, this new pier at Keehi, there is still a great deal of work to be done.

### Keehi SBH New 100 Pier Construction Details

- ✓ April 2009 – demolition of old wooden pier.
- ✓ December 2009 – installation of module sections.
- ✓ July 2009 – complete.
- ✓ New dock constructed of corrosion-resistant, 6000 series aluminum frames.
- ✓ Aluminum frames sit on new concrete pile caps and pile foundations.
- ✓ Aluminum frame topped with fiber reinforced plastic grating.
- ✓ ADA compliant dock system consists of a 6-foot wide main pier with 28 to 40 foot long finger piers on both sides of the main pier.
- ✓ Amenities of the new dock structures include:
  - dock boxes,
  - modular power pedestals (electrical),
  - potable water,
  - fire protection, and
  - optional cable and telephone service.
- ✓ The project cost for the Pier 100 replacement is \$2,520,079.

## KEEHI SBH NEW PIERS 600 AND 900 CONSTRUCTION DETAILS

The project consists of the demolition of the existing deteriorated concrete pile foundations and wood framing and construction of two new engineered aluminum framed floating dock systems. The existing docks at Piers 600, 900 & 1000 are badly deteriorated and most of the slips have been taken out of service.

The Pier 600 wood framing was removed by DOBOR Maintenance in 2000, and the concrete piles were

removed by American Marine Corporation in May 2009. Piers 900 and 1000, which do not have finger piers will be demolished and replaced by the new Pier 900 design.

The new floating dock systems will be constructed out of 6000 series marine grade aluminum frames and topped with plastic composite decking. The dock system will be anchored with an elastic mooring system with

concrete blocks or helical anchors.

The dock system includes an 8 to 12-foot wide main pier with finger piers on both sides of the main pier. The finger piers will be 30 feet long (Pier 600) and 50 feet long (Pier 900), and will comply with ADA accessibility criteria.

The new dock materials will provide durability and low maintenance as well as strength to withstand the

harsh marine environment. When completed, the new Pier 600 and 900 will provide 44 and 32 new slips, respectively.

The project was designed by Sato and Associates, Inc and will be constructed by American Marine Corporation. The project cost for the replacement of Piers 600 and 900 is \$2.8 million.

## DOBOR ADMINISTRATIVE OFFICE MODIFIES OPERATING HOURS

The Department of Land and Natural Resources' (DLNR) Division of Boating and Ocean Recreation (DOBOR) administrative office at 333 Queen Street in Honolulu has changed its operational hours and now closes at 4:15 p.m. each normal working day. The change went into effect July 1 2010.

This change was made to facilitate operations so that receipts from the day's transactions for both the Vessel Registration Branch and the Fiscal Branch can be reconciled by close of each business day.

The new business hours for the administrative office are from 7:45 a.m. to 4:15 p.m. Monday through Friday, except for holidays and furlough days when the office will be closed.

Boaters are advised to arrive no later than 4:00 p.m. on a normal working day to perform transfers of

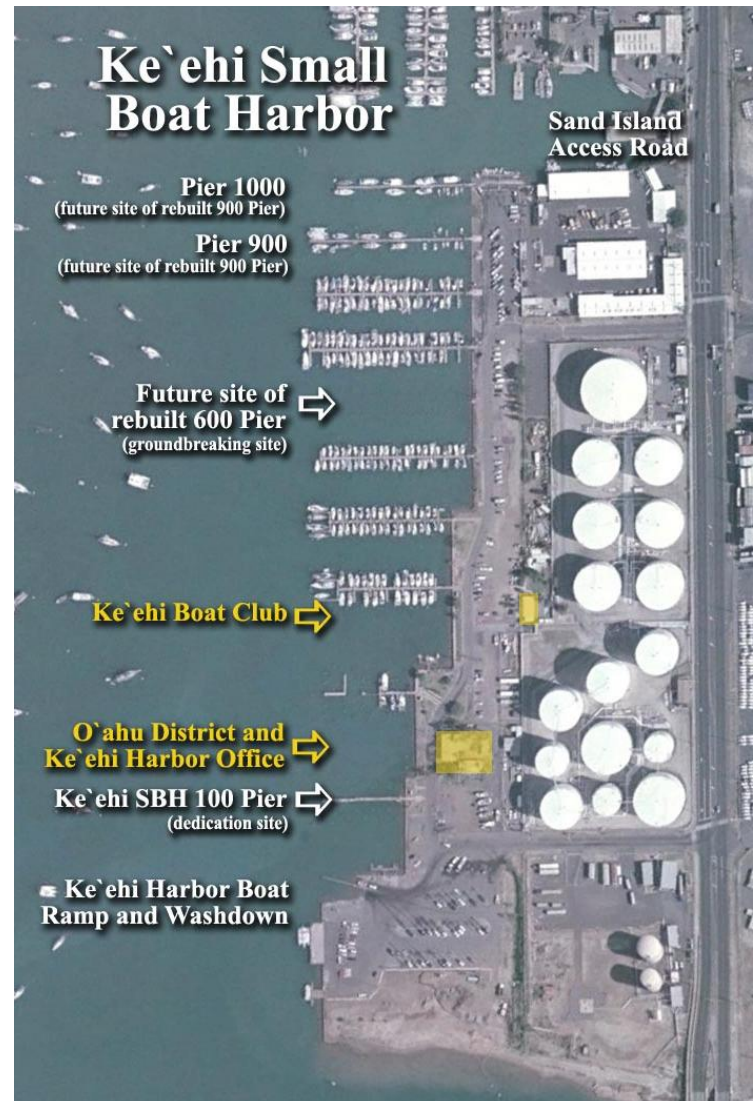
ownership or new-vessel registration.

Oahu boaters must perform new-vessel registration or transfers of registration transactions at DOBOR's administrative offices at 333 Queen Street.

Nearly all other vessel registration transactions done at DOBOR's administrative offices can be performed online at: <http://vessel.ehawaii.gov>.

The online system allows vessel owners to re-register their vessels, order ramp stickers and pay for these services via the Internet.

The change in operational hours for DOBOR's administrative offices in downtown Honolulu does not affect the operational hours for any other DOBOR facilities or offices, including district and harbor offices on Hawaii, Kauai, Maui and Oahu.





## REJUVENATING DIAMOND HEAD STATE MONUMENT WITH MANY HANDS

The Diamond Head State Monument Foundation (DHSMF), a volunteer non-profit organization in conjunction with a Kokua Agreement with State Parks assists State Parks with beautification and maintenance projects in and around Diamond Head Crater.

On June 21<sup>st</sup>, volunteers Luis Roig and Clark Hatch test the newly installed irrigation line extending westerly from the Muriel Flanders Park along Diamond Head Road.

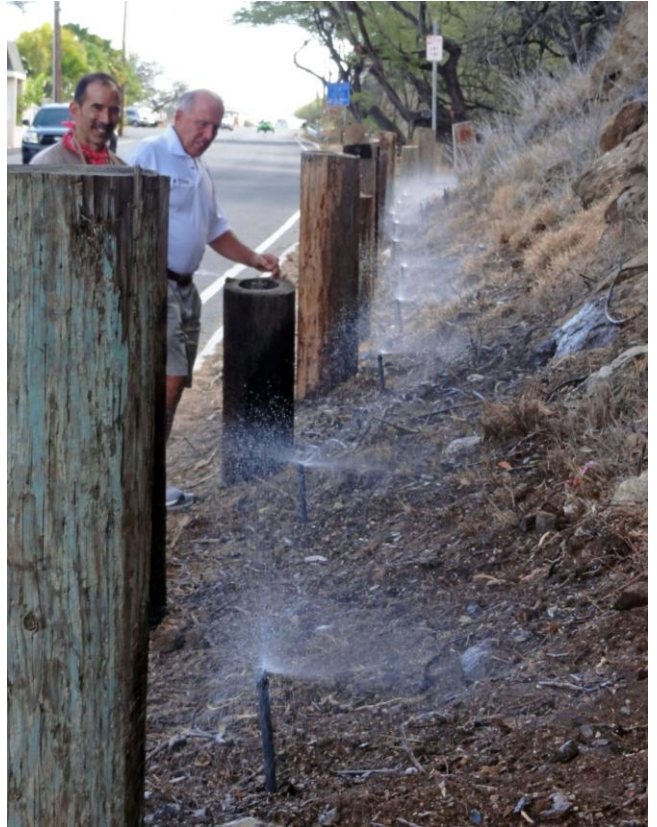
Following the testing volunteers planted 35 more Naupaka plants to beautify the Mauka side of Diamond Head Road. The DLNR Division of State Parks provided the plants.

Over the past two years, the DHSMF volunteers have planted over 3,000 plants along Diamond Head Road.

The volunteers meet every Wednesday at 9:00 a.m. at the Muriel Flanders Park, near the Diamond Head Road drinking fountain area. Their website has more information on some of the projects the foundation is working on. DHSMF volunteers are community members helping to keep our parks beautiful.

For information about the Diamond Head State Monument Foundation, visit their web site:  
[www.diamondheadstatemonument.org](http://www.diamondheadstatemonument.org)

For more information about other volunteer groups that collaborate with our Division of State Parks visit :  
<http://www.hawaiistateparks.org/partners/index.cfm>



Above: Luis Roig and Clark Hatch (left to right) test the newly installed sprinklers along Diamond Head Road



Left: Volunteer testing sprinklers near newly planted naupaka.

*Photo's provided by DHSMF*